

III. In the Claims.

1. Please cancel without prejudice or disclaimer of subject matter claims 2, 8 and 10-15.
2. Please amend claims 1, 3, 4, and 6.

1. [Amended] A shaft comprising:

an outer member having an inner surface describing a bore;
an inertial member having a predetermined mass disposed within the bore and having an outer surface,; ~~and~~

~~a resilient~~ an elastomeric member compressed between the outer member inner surface and the inertial member outer surface for damping a shaft vibration; and

the outer surface further comprising an arcuate surface having shape selected to accommodate a damping requirement by determining an elastomer stiffness and which arcuate surface mechanically retains the inertial member within the elastomeric member.

2. [Cancelled].

3. [Amended] The shaft as in claim 1 2, wherein the ~~resilient~~ elastomeric member is compressed in a range of 5% to 50% of an uncompressed thickness between the inner surface and the outer surface.

4. [Amended] The shaft as in claim 1 2, wherein the inertial member damps a bending vibration.

5. [Original] The shaft as in claim 1, wherein the inertial member further comprises a groove extending parallel to a shaft centerline.

6. [Amended] The shaft as in claim 1 further comprising;
a plurality of inertial members engaged with a plurality of ~~resilient~~ elastomeric members.

7. [Original] A shaft damper comprising:
an inertial member having an outer surface;
~~a resilient~~ an elastomeric member engaged with the outer surface; and
the ~~resilient~~ elastomeric member having a ~~resilient member~~
an outer surface for engaging a shaft bore surface; and
the outer surface further comprising an arcuate surface
having shape selected to accommodate a damping requirement by
determining an elastomer stiffness and which arcuate surface
mechanically retains the inertial member within the elastomeric
member.
8. [Cancelled].
9. [Previously Amended] The shaft damper as in claim 7, wherein
the ~~inertial member~~ outer surface further comprises a groove
extending parallel to an inertial member ~~mass~~ centerline.
10. [Cancelled].
11. [Cancelled].
12. [Cancelled].
13. [Cancelled].
14. [Cancelled].
15. [Cancelled].